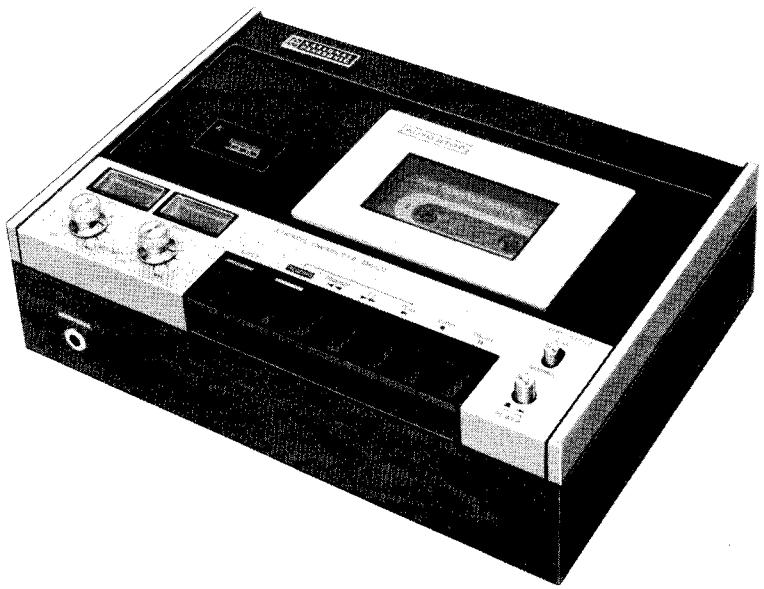
Service Manual

NATIONAL
TAPE RECORDER
PANASONIC

COMPACT, FULLY EQUIPPED STEREO CASSETTE TAPE DECK



RS-260US MECHANISM SERIES

MODEL RS-260US MODEL RS-260USE

SPECIFICATIONS

Power Source:	AC: 90~109, 110~125, 200~219, 220~250 volts, 50/60 Hz
Power Consumption:	6 W
Motor:	Electronic speed control DC motor
Transistors:	2SC1327(2) 2SC644(2) 2SC828(2) 2SA102AA(2) 2SB324(1) 2SD261(1)
Diodes:	SO501(2)
Recording System:	AC bias
Erase System:	AC erase
Tape Speed:	1-7/8 ips. (4.8 cm/s)
Tape:	Compact cassette tape
Fast Forward and Rewind Time:	Approx. 90 seconds with C-60 cassette tape
Frequency Response:	NORMAL 40~11,000 Hz CrO_2 40~13,000 Hz
Signal-To-Noise Ratio:	Better than 43 dB
Inputs:	2-MIC −71 dB (0.3 mV)/10 KΩ 2-LINE −29 dB (30 mV)/100 KΩ
Outputs:	2-LINE −6 dB (500 mV)/4.7 KΩ 1-HEADPHONE 8Ω
Record/Playback Connector:	DIN connection
Dimensions:	11-1/4″(W)×3-1/8″(H)×8″(D) 285 mm(W)×80 mm(H)×203 mm(D)
Weight:	Approx. 6-1/8 lbs. (2.8 kg)

These specifications are subject to change in order to accommodate improvements in design.

MATSUSHITA ELECTRIC
MATSUSHITA ELECTRIC TRADING CO., LTD.
P. O. Box 288 Central, Osaka, Japan

ORDER NO. ARD-7303031

LOCATION OF PARTS

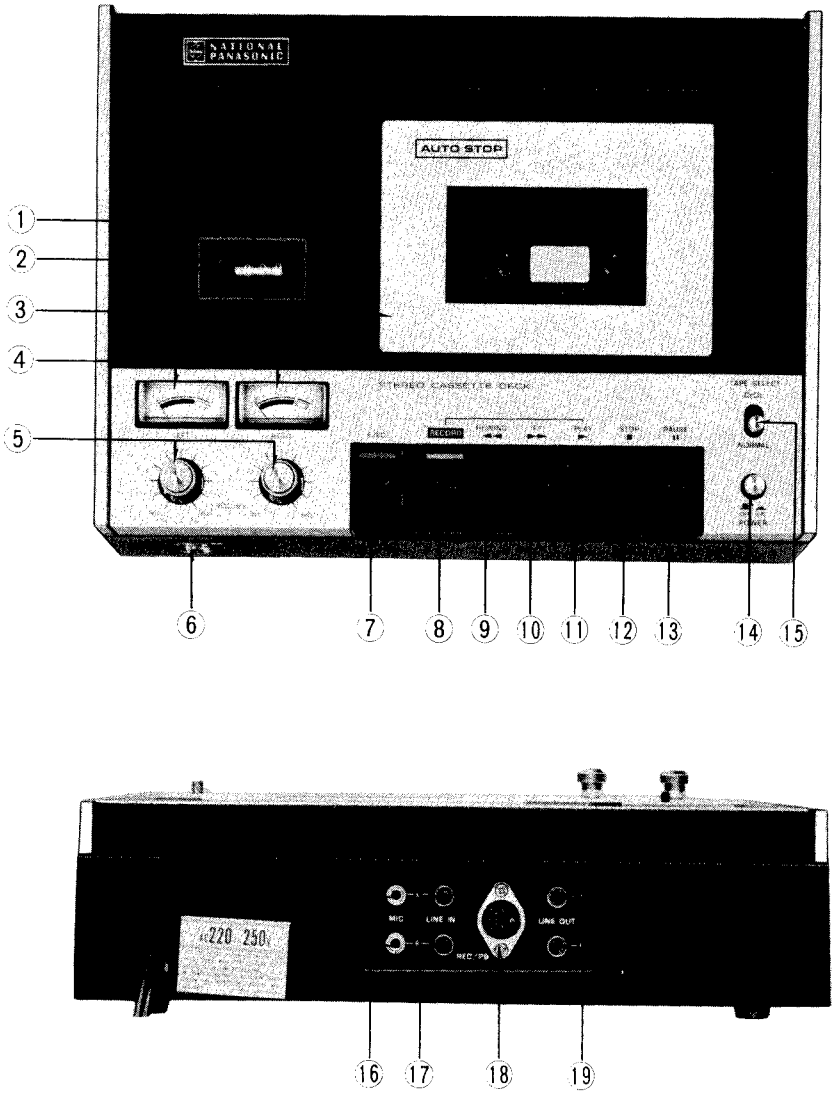


Fig. 1

① Tape counter
② Reset button
③ Cassette cover
④ Level meters
⑤ Recording level controls
⑥ Headphone jack
⑦ Eject button
⑧ Record button
⑨ Rewind button
⑩ Fast forward button
⑪ Playback button
⑫ Stop button
⑬ Pause button
⑭ Power switch
⑮ Tape selector
⑯ Microphone jacks
⑰ Line input jacks
⑱ Record/playback connector
⑲ Line output jacks

DISASSEMBLY INSTRUCTIONS

HOW TO REMOVE BOTTOM BOARD

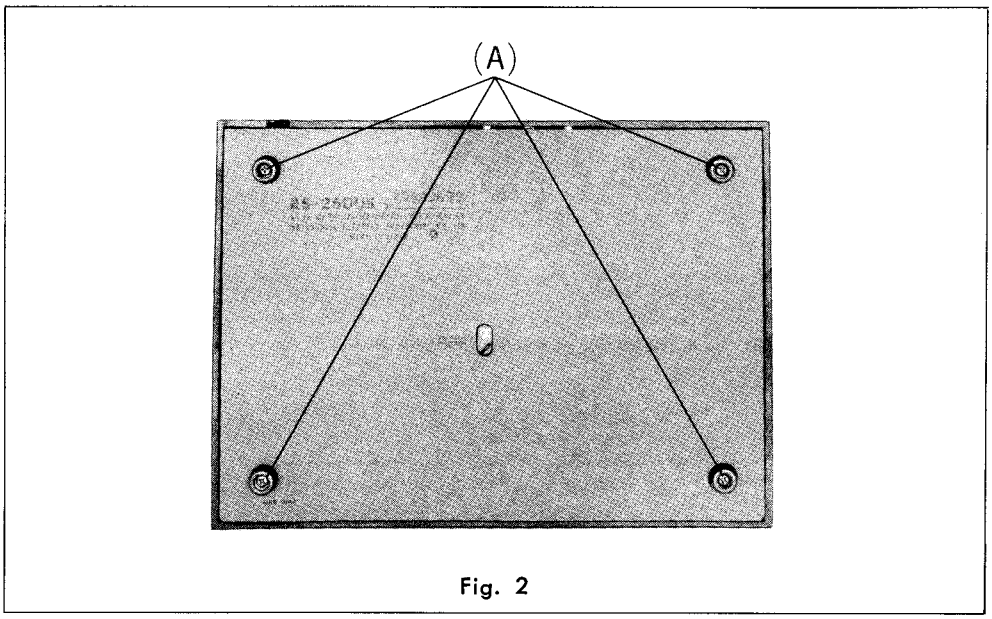


Fig. 2

1. Remove 4 bottom board holding screws (A).
2. Then bottom board can be removed.

HOW TO REMOVE CHASSIS

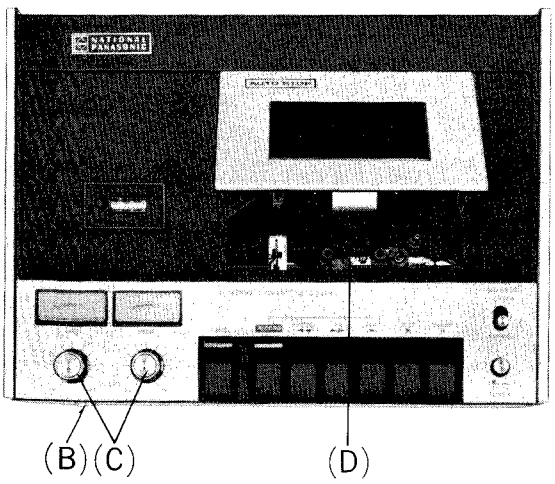


Fig. 3

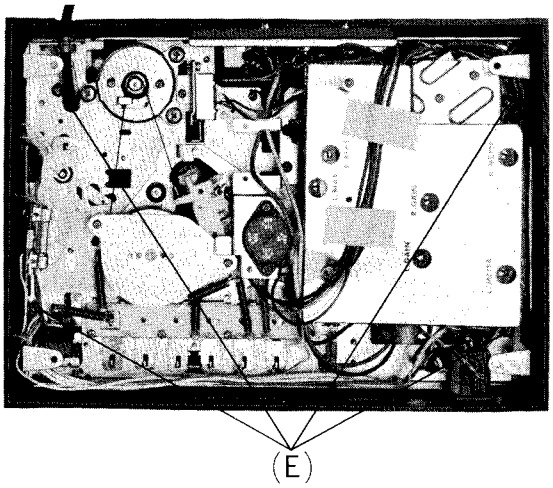


Fig. 4

1. Remove the headphone jack holding nut (B).
2. Pull out 2 volume knobs (C).
3. Remove the body case holding screw (D).
4. Remove 4 chassis holding screws (E).
5. Then chassis can be removed.

MECHANICAL ADJUSTMENTS

Instruments required:

Spring scale (having a range of 0～1 kgr), cassette torque meter (RP-8063N).

	ITEM	MODE	SPEC.	MEASUREMENT METHOD	ADJUSTMENT METHOD	REMARKS
1	Pressure roller adjustment.	Playback	400±50 gr	Hook the spring scale to pressure roller lever and pull it in the direction of the arrow as shown in fig 5.	Adjust by bending the (a) part of the pressure roller spring in either of the arrow directions.	Measure the value at the moment when the pressure roller moves away the capstan.
2	Measurement & adjustment of takeup tension.	Playback	55±15 gr-cm	Mount the cassette torque meter in the same way as the cassette tape, and set in playback mode. The takeup tension is shown as in fig. 6.	Turning the plate spring, adjust frictional force. See fig. 7.	Cassette torque meter (RP8063N) is informed in VOL. 5, NO. 5 of technical information previously issued.
3	Measurement of detecting piece tension.	Playback	40～60 gr	Press part A of the detecting piece in a straight line in the direction of the arrow, as shown in fig. 8.	——	——

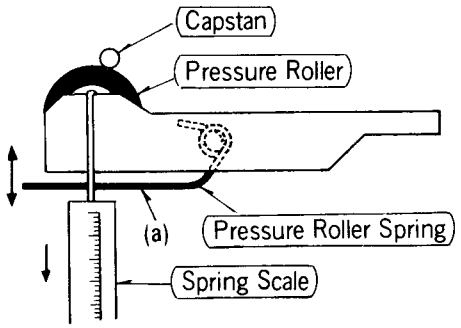


Fig. 5

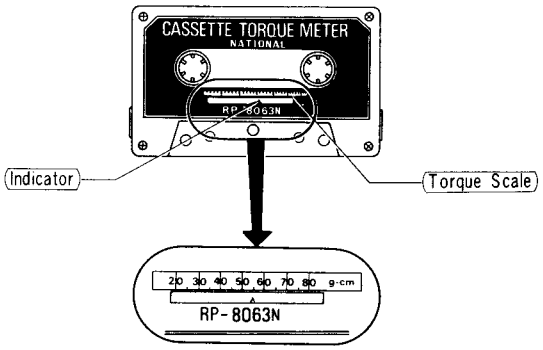


Fig. 6

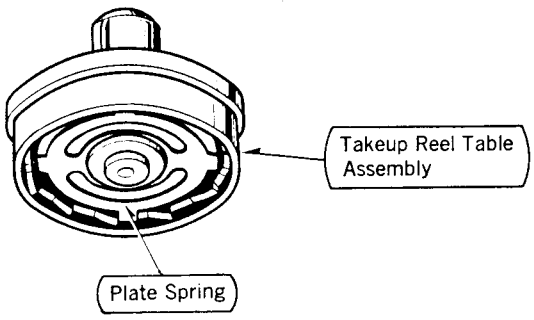


Fig. 7

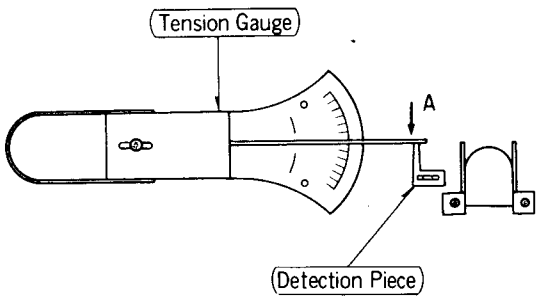


Fig. 8

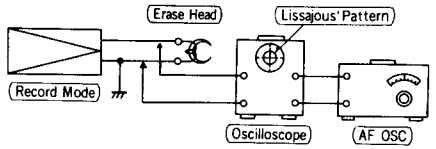
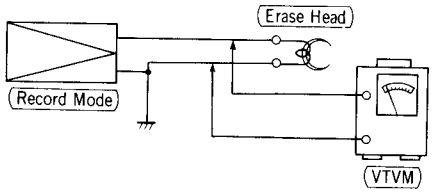
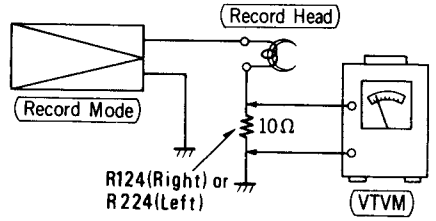
AMPLIFIER ADJUSTMENTS

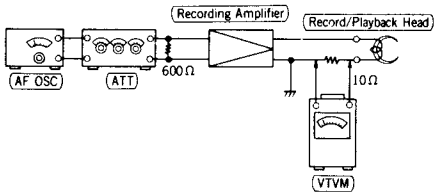
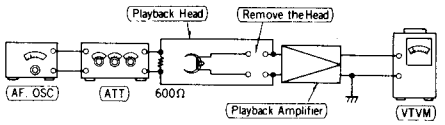
Conditions for measurement:

Power voltage ..... AC 90~250 V

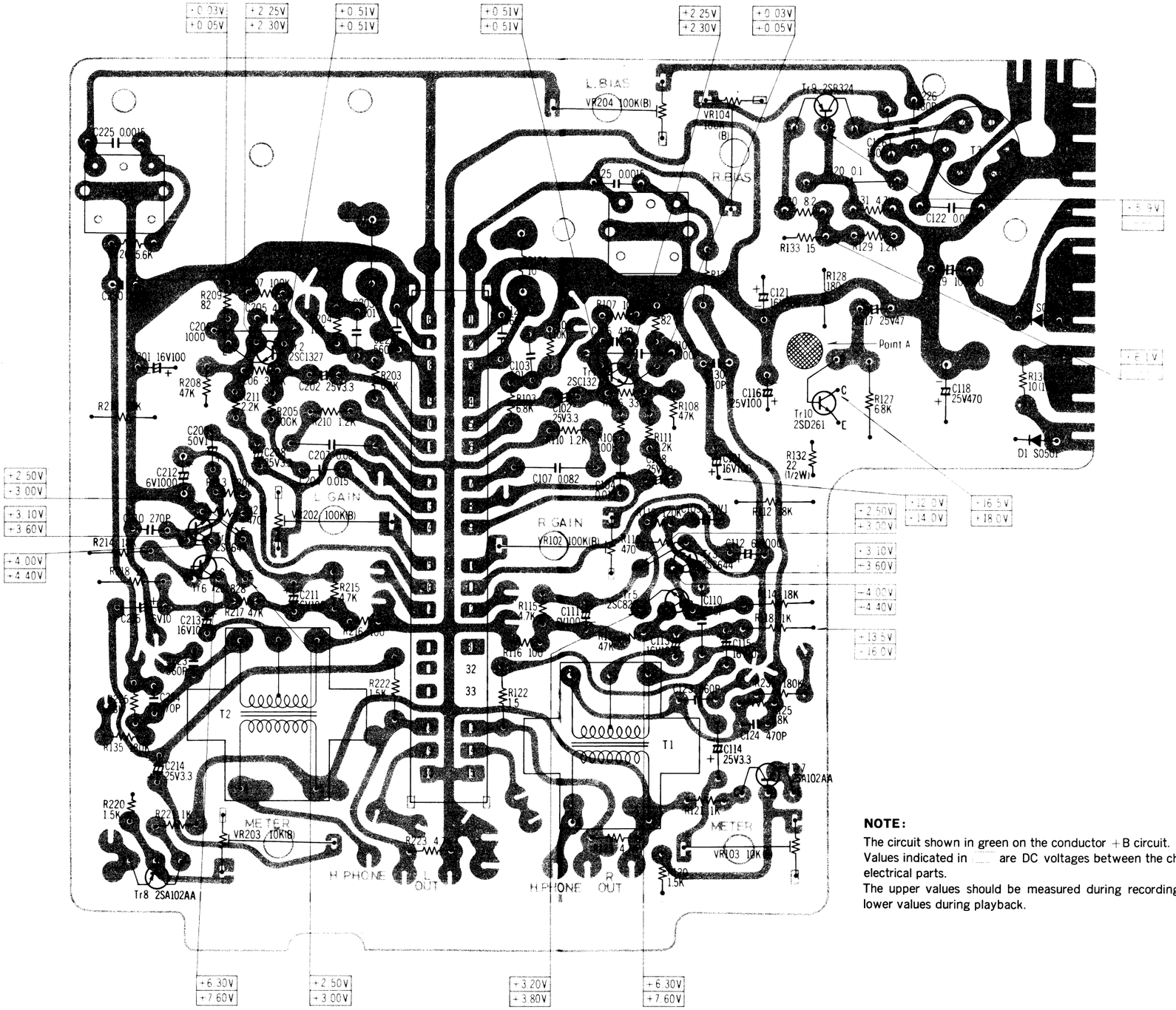
Equipment required:

VTVM, AF OSC, oscilloscope, resistor (10Ω, 600Ω).

	ITEM	SIGNAL SOURCE CONNECTION	OUTPUT CONNECTION	MODE	ADJUSTMENT	SPEC.	REMARKS	WIRING FIGURE
1	Measurement of oscillation frequency.	——	Oscilloscope with AF OSC, as shown in fig. 9.	Record	——	$47 \pm \frac{}{5}$ kHz	Adjust the AF OSC to obtain a circular and stationary Lissajous' pattern on the oscilloscope. Bias oscillation frequency is indicated by the scale of the AF OSC.	 Fig. 9
2	Measurement of erase current.	——	VTVM, as shown in fig. 10.	Record	——	4.8 V	——	 Fig. 10
3	Measurement of recording bias current.	——	VTVM, as shown in fig. 11.	Record	VR104 (Right) VR204 (Left)	$5.5 \pm \frac{}{0.2}$ mV	Set the volume control to minimum. Bias current (0.55±0.02 mA) Voltage value = (5.5±0.2 mV) / Resistance value (10)	 Fig. 11

	ITEM	SIGNAL SOURCE CONNECTION	OUTPUT CONNECTION	MODE	ADJUSTMENT	SPEC.	REMARKS	WIRING FIGURE
4	Measurement of recording level.	1 kHz MIC −73±3 dB LINE IN −30±3 dB as shown in fig. 12.	See fig. 12.	Record	——	0.45 mV	To obtain 45μA of current through the head. Stop the bias oscillator by unsoldering point A shown in printed circuit board view on page 7.	 Fig. 12
5	Measurement of recording level indicator.	The same as above.	——	Record	VR103 (Right) VR203 (Left)	0 VU on VU meter.	At 0.5 V line output.	——
6	Measurement of playback amplifier gain.	333 Hz −74 ±3 dB as shown in fig. 13.	VTVM to line output jack.	Playback	VR102 (Right) VR202 (Left)	0.5 V	——	 Fig. 13

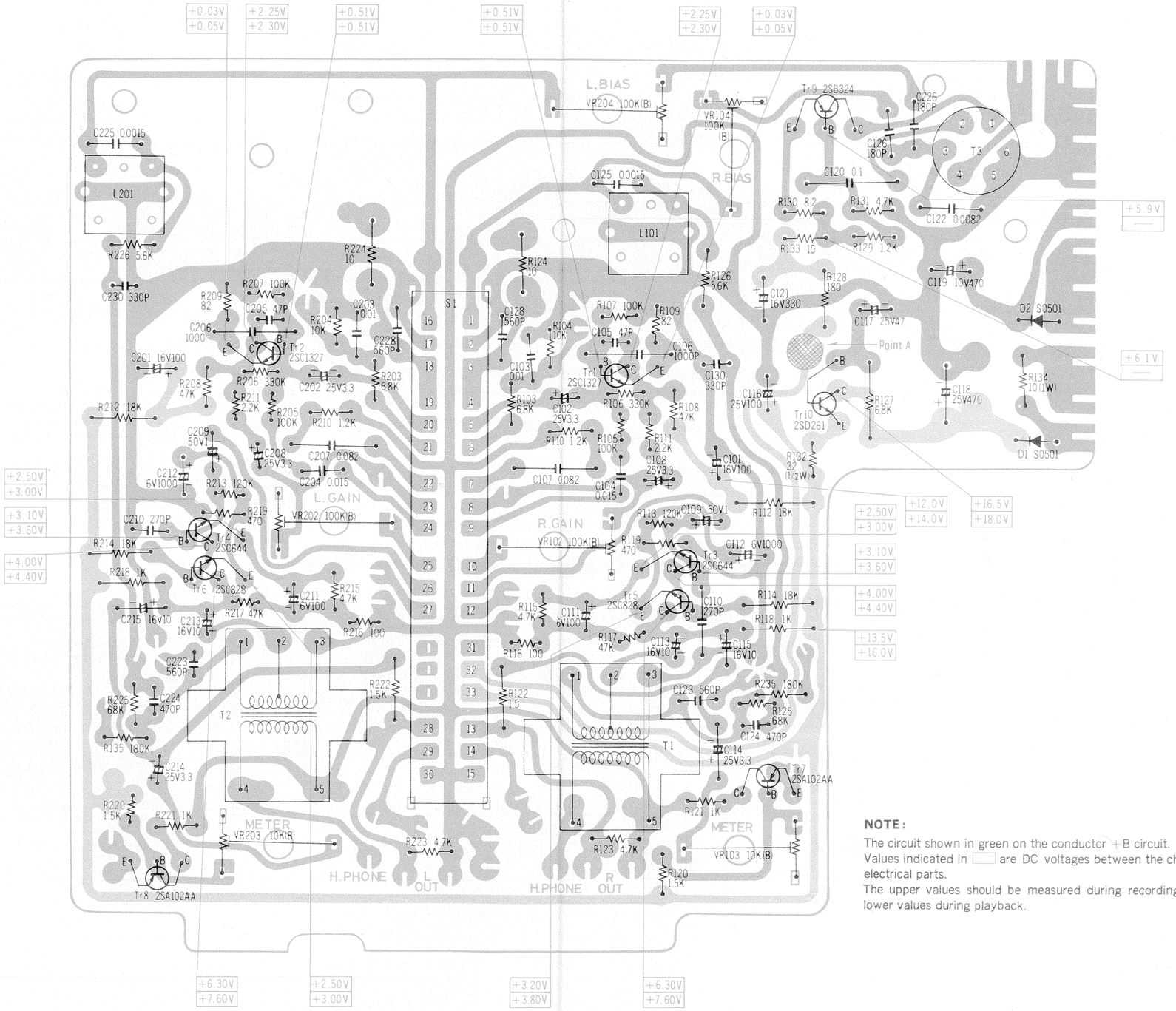
CIRCUIT BOARD



NOTE:

The circuit shown in green on the conductor +B circuit.
Values indicated in ___ are DC voltages between the chassis and electrical parts.
The upper values should be measured during recording and the lower values during playback.

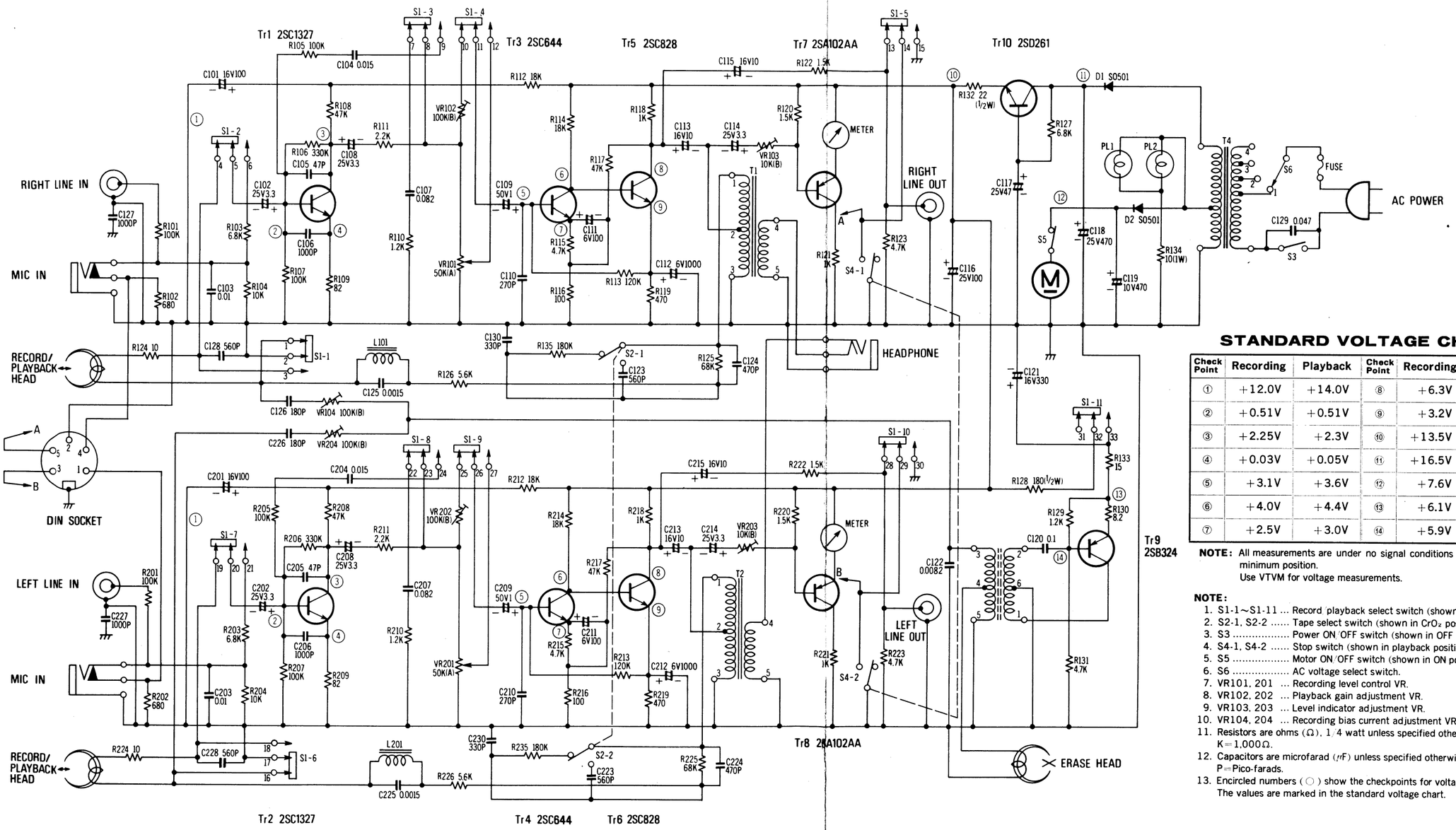
CIRCUIT BOARD



NOTE:

The circuit shown in green on the conductor +B circuit.
Values indicated in ▭ are DC voltages between the chassis and electrical parts.
The upper values should be measured during recording and the lower values during playback.

SCHEMATIC DIAGRAM MODEL RS-260US



STANDARD VOLTAGE CHART

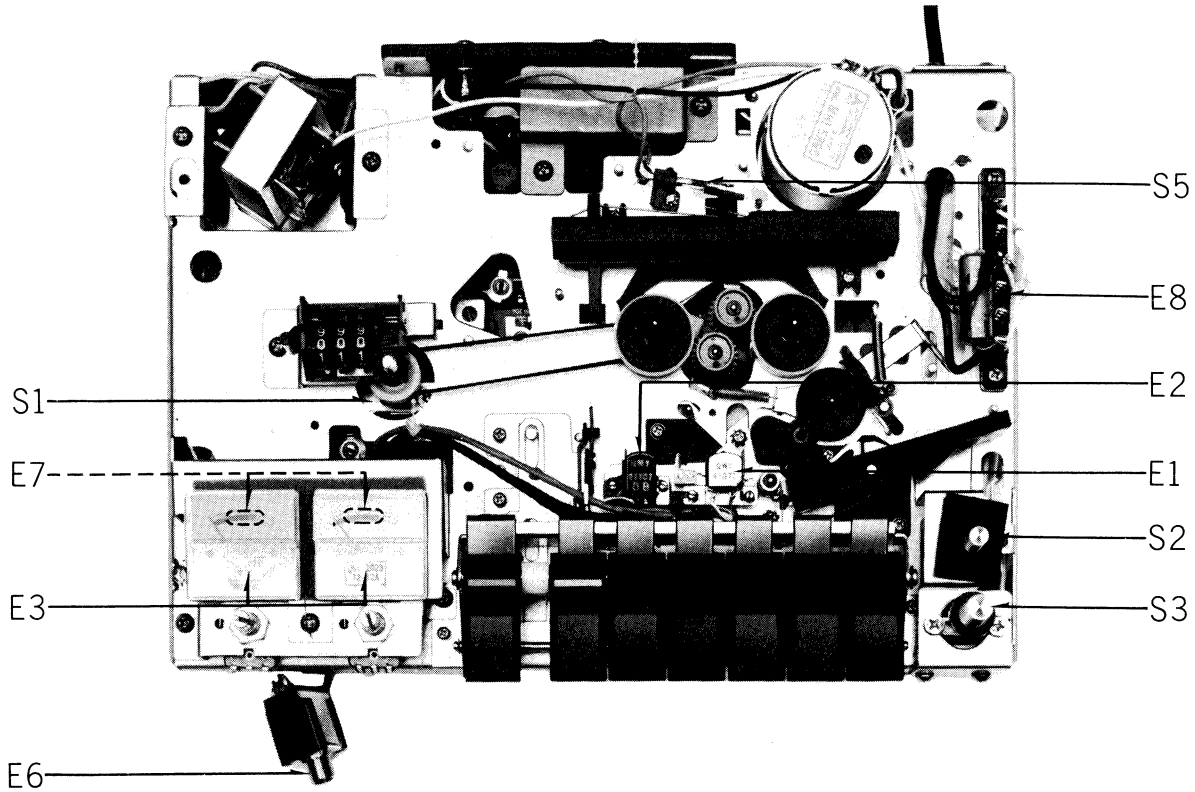
Check Point	Recording	Playback	Check Point	Recording	Playback
①	+12.0V	+14.0V	⑧	+6.3V	+7.6V
②	+0.51V	+0.51V	⑨	+3.2V	+3.8V
③	+2.25V	+2.3V	⑩	+13.5V	+16.0V
④	+0.03V	+0.05V	⑪	+16.5V	+18.0V
⑤	+3.1V	+3.6V	⑫	+7.6V	+8.0V
⑥	+4.0V	+4.4V	⑬	+6.1V	—
⑦	+2.5V	+3.0V	⑭	+5.9V	—

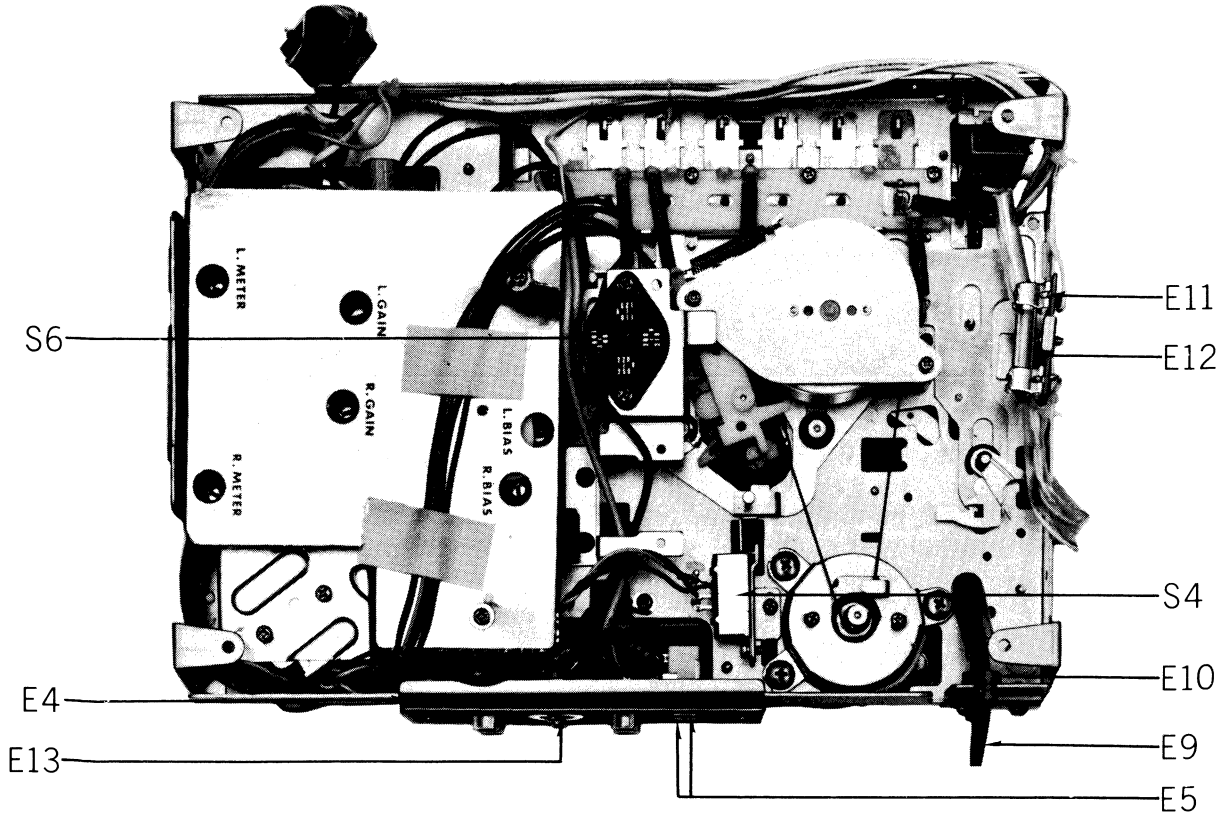
NOTE: All measurements are under no signal conditions with volume at minimum position.
Use VTVM for voltage measurements.

NOTE:

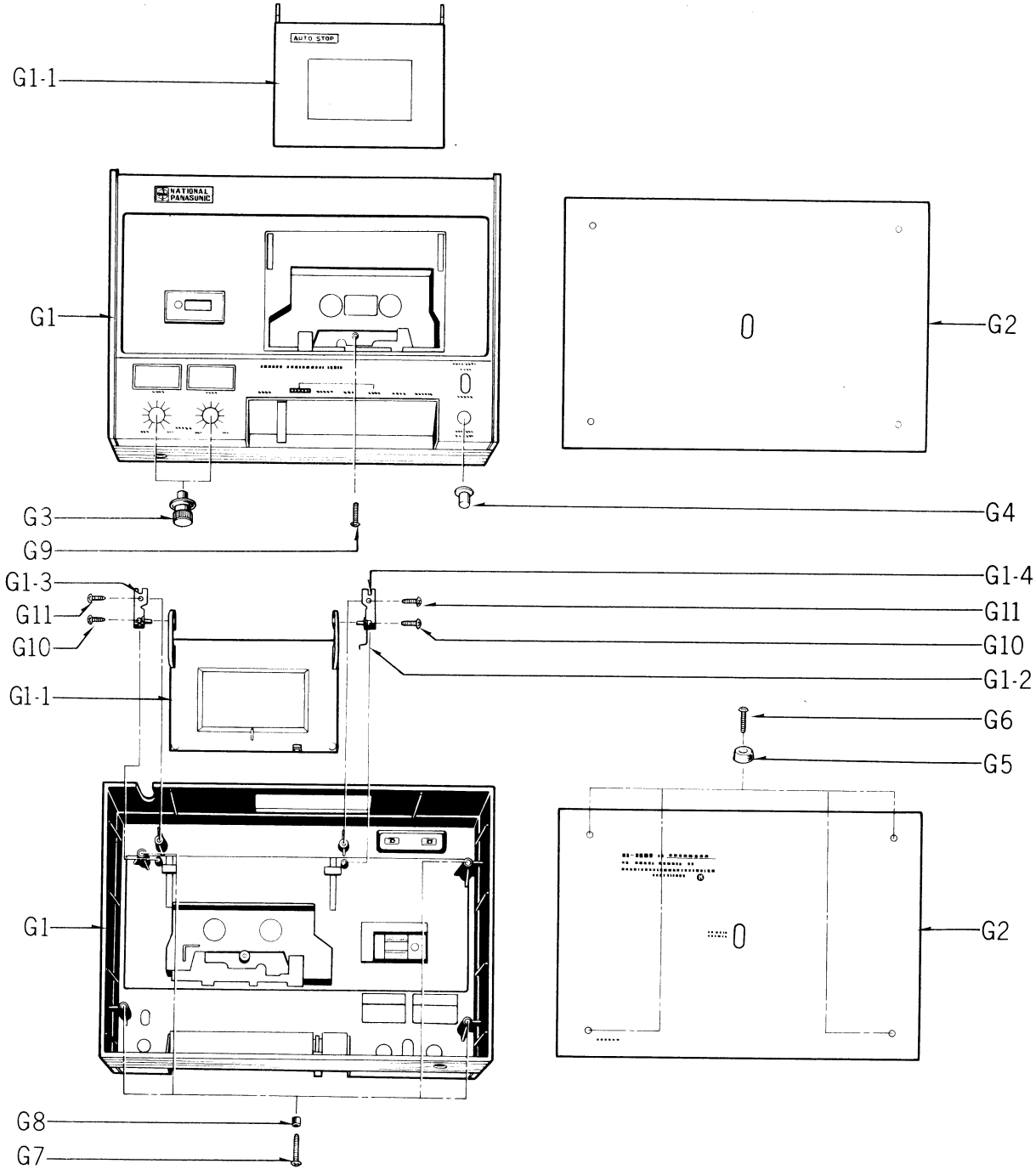
1. S1-1～S1-11 ... Record/playback select switch (shown in playback position).
2. S2-1, S2-2 ..... Tape select switch (shown in CrO_2 position).
3. S3 ..... Power ON/OFF switch (shown in OFF position).
4. S4-1, S4-2 ..... Stop switch (shown in playback position).
5. S5 ..... Motor ON/OFF switch (shown in ON position).
6. S6 ..... AC voltage select switch.
7. VR101, 201 ... Recording level control VR.
8. VR102, 202 ... Playback gain adjustment VR.
9. VR103, 203 ... Level indicator adjustment VR.
10. VR104, 204 ... Recording bias current adjustment VR.
11. Resistors are ohms (Ω), 1/4 watt unless specified otherwise.
    K=1,000Ω.
12. Capacitors are microfarad (μF) unless specified otherwise.
    P=Pico-farads.
13. Encircled numbers (○) show the checkpoints for voltage.
    The values are marked in the standard voltage chart.

ELECTRICAL PARTS LOCATION

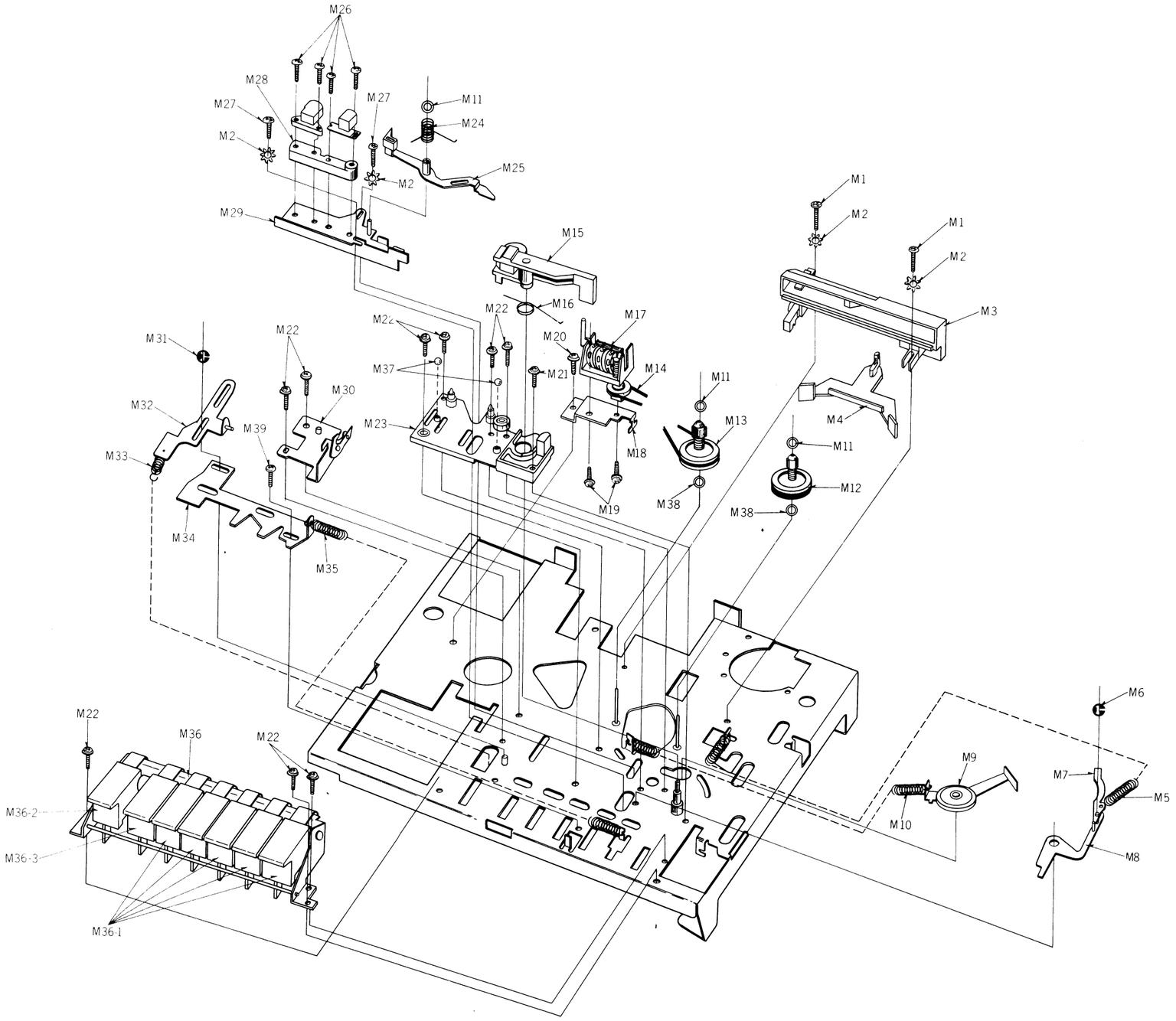


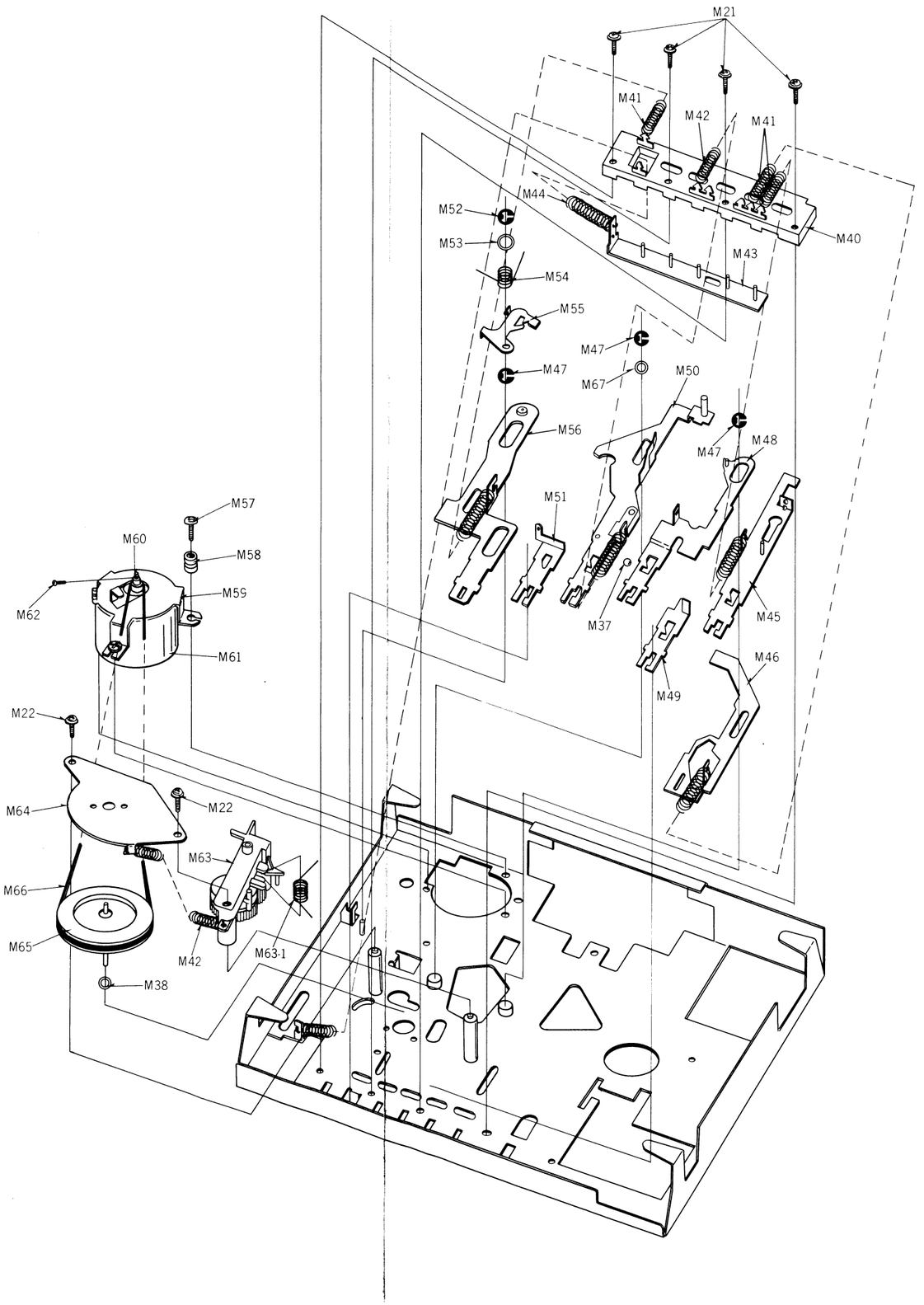


CABINET PARTS



EXPLODED VIEWS



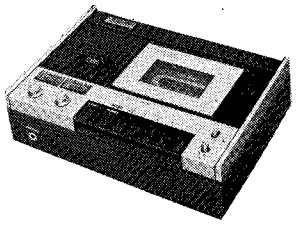


Printed in Japan

REPLACEMENT PARTS LIST

MODEL RS-260US

NATIONAL PANASONIC



RS-260US

NOTE:

1. Be sure to make your orders of Replacement Parts according to this List.
2. "×" in "Rank" Column indicates that the part are not supplyable.
3. "**A**, **B** and **C**" in "Rank" Column indicates the recommended stock of replacement parts. Refer to the recommended stock table on last page.
4. "Ⓝ" in "Remarks" Column indicates New Parts.
5. "ISO" in "Remarks" Column indicates ISO Screw or Nut.
6. "✿" in indicates the serrated parts with 18 notches.

NOTA:

1. Habrá que asegurarse que los pedidos de piezas de repuesto se hagan según esta lista.
2. "×" marcado en la columna "Rank", quiere decir que dichas piezas no pueden ser provistas.
3. "**A**, **B** y **C**" marcadas en la columna "Rank" indican el surtido que se recomienda tener de dichas piezas de repuesto.
4. "Ⓝ" marcado en la columna "Remarks", quiere decir que las piezas son nuevas.
5. "ISO" marcado en la columna "Remarks", quiere decir que es un tornillo o tuerca "ISO".
6. "✿" indica las partes dentadas con 18 ranuras.

NOTE:

1. Bien s'assutet de se conformer à la liste suivante pour les commandes de pièces de rechange.
2. "×", dans la colonne "Rank", indique qu'il n'est pas possible de fournir ces pièces.
3. "**A**, **B** et **C**", dans la colonne "Rank", indiquent le stock recommandé de pièces de rechange. Se reporter en dernière page au tableau des stocks/recommandés.
4. "Ⓝ", dans la colonne "Remarks", indique les pièces nouvelles.
5. "ISO", dans la colonne "Remarks", indique une vis ou un écrou ISO.
6. "✿" indique les pièces cannelées à 18 crans.

HINWEIS:

1. Bestellen Sie Ihre Ersatzteile genau nach dieser Liste.
2. Mit "×" in der "Rank" Spalte aufgeführte Teile können nicht geliefert werden.
3. "**A**, **B** und **C**" in der "Rank" Spalte zeigt Ihnen den Vorrat der Ersatzteile an.
4. "Ⓝ" in der "Remarks" Spalte bedeutet "neue Teile".
5. "ISO" in der "Remarks" Spalte bedeutet ISO-Schraube oder Mutter.
6. "✿" bezeichnet die gezähnten Teile mit 18 Zähnen.

按:

1. 關於代用零件之訂購，務請依照此表而行之爲荷。
2. 「等級」(Rank) 一欄中之 "×" 標記表示該零件無從供應。
3. 「等級」(Rank) 一欄中之 "**A**, **B**, **C**" 標記表示該零件有存貨，值得介紹。
   請參照最後一頁的「值得介紹存貨表」。
4. 「備考」(Remarks) 一欄中之 "Ⓝ" 形符號標記表示該零件爲新出品。
5. 「備考」(Remarks) 一欄中之 "ISO" 符號標記表示國際標準化機構 (ISO) 式螺絲或螺母。
6. "✿" 形符號標記表示備有 18 個凹槽的鋸齒狀零件。

Rank	Ref. No.	Description	Part No.	Pcs/ Set	Price (Per Pce.)	Remarks
		MECHANICAL PARTS				
C	M1	Screw ⊕2.6×10	XSN26+10	2		COMMON
C	M2	Lock Washer 2.6φ	XWC26B	4		"
C	M3	Cassette Retainer Assembly	QXQK0015	1		RQ-409S, 421S
A	M4	Brake	QBJ1941	1		"
C	M5	Auto Stop Driving Pawl Spring	QBT1489M	1		RQ-437S
C	M6	Stop Ring E2.5φ	XUC25FT	1		COMMON
B	M7	Auto Stop Driving Pawl	QBJ1656	1		RQ-409S, 436S, 437S
C	M8	Auto Stop Driving Lever Assembly	QXL0621	1		RQ-421S
B	M9	Takeup Idler Lever Assembly	QXL0687	1		Ⓝ
B	M10	Idler Spring	QBT1558M	1		RQ-421S, 437S
B	M11	Nylon Snap Washer	QWQ1124	3		RQ-409S, 421S, 437S
A	M12	Takeup Reel Table Assembly	QXP0319	1		RQ-237S, 309S, 437S
A	M13	Supply Reel Table Assembly	QXP0373	1		Ⓝ
A	M14	Counter Belt	QDB0143	1		Ⓝ
A	M15	Pressure Roller Lever Assembly	QXL0689	1		Ⓝ
B	M16	Pressure Roller Spring	QBN1157	1		RQ-409S, 437S
A	M17	Tape Counter	QDC0046S	1		Ⓝ ISO
C	M18	Counter Angle	QMA1953	1		Ⓝ
C	M19	Sems Screw ⊕3×6	XYN3+C6S	2		COMMON ISO
C	M20	Tapping Screw ⊕3×8	XTN3+8	1		"
C	M21	Sems Screw ⊕2.6×10	XYN26+C10	5		COMMON
C	M22	Sems Screw ⊕2.6×6	XYN26+C6	11		"
C	M23	Upper Base Plate Unit	QXK1331	1		RQ-421S
C	M24	Auto Stop Detect Lever Spring	QBN1188	1		RQ-409S
B	M25	Auto Stop Detect Lever Assembly	QXL0482	1		RQ-421S
C	M26	Screw ⊖2×12	XSN2−12	4		COMMON
C	M27	Screw ⊕2.6×6	XSN26+6	2		"
C	M28	Head Spacer	QBJ2087A	1		RQ-421S

Rank	Ref. No.	Description	Part No.	Pcs/ Set	Price (Per Pce.)		Remarks
C	M29	Head Base Plate Unit	QXK0073	1			Ⓝ
C	M30	Lid Hook Plate Unit	QXH0170	1			Ⓝ
C	M31	Stop Ring E3ϕ	XUC3FT	1			COMMON
C	M32	Eject Rod (1) Assembly	QXR0004	1			Ⓝ
C	M33	Eject Lever Spring	QBT1490	1			RQ-421S, 437S
C	M34	Eject Rod (2)	QMR1309	1			Ⓝ
C	M35	Eject Lever-C Spring	QBT1604M	1			RQ-421S
B	M36	Push Button Assembly	QXB0164	1			Ⓝ
B	M36-1	Push Button-A	QXB0147	5			Ⓝ
B	M36-2	Push Button-B	QXB0148	1			Ⓝ
B	M36-3	Push Button-C	QXB0149	1			Ⓝ
B	M37	Steel Ball 2.5ϕ	QDK1012	3			RQ-409S, 421S
C	M38	Reel Table Washer	QBJ3220	3			RQ-409S, 421S, 437S
C	M39	Screw	QHQ1168	1			RQ-421S
C	M40	Lever Guide	QGG0003	1			Ⓝ
C	M41	Record Lever Spring	QBT1670M	3			Ⓝ
C	M42	Fast Forward Lever Spring	QBT1671M	2			Ⓝ
C	M43	Lock Rod Assembly	QXR0001	1			Ⓝ
C	M44	Lock Rod Spring	QBT1672M	1			Ⓝ
C	M45	Record Lever Assembly	QXL0688	1			Ⓝ
C	M46	Fast Forward Rod (2)	QMR1307	1			Ⓝ
C	M47	Stop Ring E5ϕ	XUC5FT	3			COMMON
C	M48	Fast Forward Rod (1) Assembly	QXR0002	1			Ⓝ
C	M49	Takeup Lever	QML1953	1			RQ-437S
C	M50	Playback Rod Assembly	QXR0005	1			Ⓝ
C	M51	Stop Lever	QML1954	1			RQ-437S
C	M52	Stop Ring E2ϕ	XUC2FT	1			COMMON
C	M53	Fiber Washer	QBK7122	1			COMMON
C	M54	Lock Spring	QBN1271	1			RS-271US

Rank	Ref. No.	Description	Part No.	Pcs/ Set	Price (Per Pce.)		Remarks
C	M55	Lock Plate	QML2379	1			RS-271US
C	M56	Pause Rod Assembly	QXR0003	1			Ⓝ
C	M57	Screw	QMS1833	3			RQ-409S, 437S
C	M58	Rubber Cushion	QBG1055A	3			RQ-409S, 437S
C	M59	Motor Angle	QMA1952	1			Ⓝ
B	M60	Motor Pulley	QDP1378	1			RQ-409S, 437S
A	M61	Motor	QDM0980A	1			RS-281S
C	M62	Screw ⊖2×3	XSN2-3	1			COMMON
C	M63	Fast Forward Frame Assembly	QXG1014	1			Ⓝ
C	M63-1	Gear Spring	QBN1196	1			RQ-409S, 437S
C	M64	Flywheel Retainer Assembly	QXH0095	1			RQ-421S, 437S
A	M65	Flywheel	QXF0063	1			"
A	M66	Capstan Belt	QDB0141	1			"
C	M67	Fiber Washer	QBK7130	1			RQ-421S, 437S
		RESISTORS					
B	R101, 201	Carbon Resistor 100KΩ 1/4W	ERD14TJ104	2			
B	R102, 202	" 680Ω 1/4W	ERD14TJ681	2			
B	R103, 127, 203	" 6.8KΩ 1/4W	ERD14VJ682	3			
B	R104, 204	" 10KΩ 1/4W	ERD14VJ103	2			
B	R105, 107, 205, 207	" 100KΩ 1/4W	ERD14VJ104	4			
B	R106, 206	Carbon Resistor 330KΩ 1/4W	ERD14VJ334	2			
B	R108, 117, 208, 217	" 47KΩ 1/4W	ERD14VJ473	4			
B	R109, 209	" 82Ω 1/4W	ERD14VJ820	2			
B	R110, 129, 210	" 1.2KΩ 1/4W	ERD14VJ122	3			
B	R111, 211	" 2.2KΩ 1/4W	ERD14VJ222	2			
B	R112, 114, 212, 214	Carbon Resistor 18KΩ 1/4W	ERD14VJ183	4			
B	R113, 213	" 120KΩ 1/4W	ERD14VJ124	2			
B	R115,123,131, 215,223	" 4.7KΩ 1/4W	ERD14VJ472	5			
B	R116, 216	" 100Ω 1/4W	ERD14VJ101	2			

Rank	Ref. No.	Description	Part No.	Pcs/ Set	Price (Per Pce.)		Remarks
B	R118, 121, 218, 221	Carbon Resistor 1 KΩ 1/4 W	ERD14VJ102	4			
B	R119, 219	Carbon Resistor 470Ω 1/4 W	ERD14VJ471	2			
B	R120, 122, 220, 222	" 1.5 KΩ 1/4 W	ERD14VJ152	4			
B	R124, 224	" 10Ω 1/4 W	ERD14VJ100	2			
B	R125, 225	" 68 KΩ 1/4 W	ERD14VJ683	2			
B	R126, 226	" 5.6 KΩ 1/4 W	ERD14VJ562	2			
B	R128	Solid Resistor 180Ω 1/2 W	ERC12GK181	1			
B	R130	Carbon Resistor 8.2Ω 1/4 W	ERD14VJ8R2	1			
B	R132	Solid Resistor 22Ω 1/2 W	ERC12GK220	1			
B	R133	Carbon Resistor 15Ω 1/4 W	ERD14VJ150	1			
B	R134	Solid Resistor 10Ω 1 W	ERC1GM100	1			
B	R135, 235	Carbon Resistor 180 KΩ 1/4 W	ERD14VJ184	2			
		VARIABLE RESISTORS					
A	VR101, 201	Variable Resistor 50 KΩ (A)	EVHB0AK20A54	2			Ⓝ
A	VR102, 104, 202, 204	Semi-fixed Variable Resistor 100 KΩ (B)	QVL00AA00B15	4			RS-275US, 281S, 715US
A	VR103, 203	" 10 KΩ (B)	QVL00AA00B14	2			RS-262US,263US, 275US
		CAPACITORS					
B	C101, 201	Electrolytic Capacitor 100μF	ECEA16V100L	2			
B	C102,108,114, 202,208,214	" 3.3μF	ECEA25V3R3L	6			
C	C103, 203	Mylar Capacitor 0.01μF	ECQM05103MZ	2			
C	C104, 204	" 0.015μF	ECQM05153KZ	2			
C	C105, 205	Mica Capacitor 47 pF	ECMS05470KH	2			
C	C106, 206	Ceramic Capacitor 1000 pF	ECKD1H102PF	2			
C	C107, 207	Mylar Capacitor 0.082μF	ECQM05823KZ	2			
C	C109, 209	Electrolytic Capacitor 1μF	ECEA50V1L	2			
B	C110, 210	Ceramic Capacitor 270 pF	ECCD1H271K	2			
B	C111, 211	Electrolytic Capacitor 100μF	ECEA6V100L	2			
B	C112, 212	Electrolytic Capacitor 1000μF	ECEA6V1000L	2			

Rank	Ref. No.	Description	Part No.	Pcs/ Set	Price (Per Pce.)		Remarks
B	C113, 115, 213, 215	Electrolytic Capacitor 10μF	ECEA16V10L	4			
B	C116	" 100μF	ECEA25V100L	1			
B	C117	" 47μF	ECEA25V47L	1			
B	C118	" 470μF	ECEA25V470L	1			
B	C119	Electrolytic Capacitor 470μF	ECEA10V470L	1			
C	C120	Mylar Capacitor 0.1μF	ECQM05104MZ	1			
B	C121	Electrolytic Capacitor 330μF	ECEA16V330L	1			
C	C122	Mylar Capacitor 0.0082μF	ECQM05822KZ	1			
C	C123, 128, 223, 228	Styrol Capacitor 560 pF	ECQS1561KZ	4			
C	C124, 224	Styrol Capacitor 470 pF	ECQS1471KZ	2			
C	C125, 225	Mylar Capacitor 0.0015μF	ECQM05152MZ	2			
C	C126, 226	Styrol Capacitor 180 pF	ECQS1181KZ	2			
C	C127, 227	Ceramic Capacitor 1000 pF	ECKE1H102P	2			
C	C129	Polypropylene Capacitor 0.047μF	ECQF4473M	1			
C	C130, 230	Styrol Capacitor 330 pF	ECQS1331KZ	2			
		TRANSISTORS					
A	Tr1, 2	Transistor	2SC1327	2			RS-271US, 276US
A	Tr3, 4	"	2SC644	2			RS-270US,272US, 275US
A	Tr5, 6	"	2SC828	2			RS-275US
A	Tr7, 8	"	2SA102AA	2			COMMON
A	Tr9	"	2SB324	1			"
A	Tr10	Transistor	2SD261	1			RS-270US,272US, 275US
		DIODES					
A	D1, 2	Diode	SO501	2			COMMON
		TRANSFORMERS					
A	T1, 2	Headphone Transformer	QLA0376	2			Ⓝ
A	T3	Oscillator Transformer	QLB0155	1			RQ-421S
A	T4	Power Transformer	QLP0564A	1			Ⓝ

Rank	Ref. No.	Description	Part No.	Pcs/ Set	Price (Per Pce.)		Remarks
		COILS					
B	L101, 201	Trap Coil	ELM10S122	2			RS-253S, 267S, 281S
		SWITCHES					
A	S1	Slide Switch (Record/Playback Selector)	QSS1162	1			Ⓝ
A	S2	Slide Switch (Tape Selector)	QSS1172	1			Ⓝ
A	S3	Push Switch (Power ON/OFF)	QSW0114S	1			RS-276US, 820S ISO
A	S4	Slide Switch (Stop Switch)	QSS1105	1			RS-261S, 275US
A	S5	Leaf Switch (Motor ON/OFF)	QSB0169B	1			RS-256US, 262US
A	S6	Rotary Switch (AC Voltage Select)	QSR0004B	1			COMMON
		ELECTRICAL PARTS					
A	E1	Record/Playback Head	QWY4107X	1			Ⓝ
A	E2	Erase Head	QWY2110Z	1			Ⓝ
A	E3	Level Meter	QSL1023	2			Ⓝ
B	E4	Jack Board Assembly	QEJ0250	1			Ⓝ
B	E5	M3 Jack	QJA0115	2			COMMON
B	E6	Headphone Jack	QJA0229	1			COMMON
A	E7	Pilot Lamp	XAMQ16P300	2			RS-855US
C	E8	6P Terminal Board	QJT6009	1			COMMON
B	E9	AC Power Cord	QFC1041	1			"
B	(E9)	"	QFC1035	1			COMMON (RS-260USE only)
C	E10	Cord Bushing	QTD1126A	1			COMMON
C	E11	Fuse Holder	QTF1042	1			"
A	E12	Fuse 0.15 A	XBAQ0011	1			Ⓝ
B	E13	DIN Socket	QJS0723S	1			COMMON ISO
		CABINET PARTS					
B	G1	Body Case Assembly	QYM0086	1			Ⓝ
A	G1-1	Cassette Lid Assembly	QYF0127	1			Ⓝ
B	G1-2	Cassette Lid Spring	QBN1302	1			Ⓝ

Rank	Ref. No.	Description	Part No.	Pcs/ Set	Price (Per Pce.)		Remarks
C	G1-3	Cassette Retainer-A Assembly	QXA0162	1			Ⓝ
C	G1-4	Cassette Retainer-B Assembly	QXA0163	1			Ⓝ
C	G2	Bottom Board Assembly	QKS1044	1			Ⓝ
A	G3	Volume Knob Assembly	QYT0295K	2			Ⓝ ✿
B	G4	Push Button Assembly	QXB0057	1			RS-256US
C	G5	Rubber Foot	QKA1044A	4			RS-275US, 276US
C	G6	Screw ⊕4×12	XSN4+12RS	4			COMMON ISO
C	G7	Screw ⊕3.5×20	XTV35+20BR	4			COMMON
C	G8	Spacer	QMZ1101	4			Ⓝ
C	G9	Screw ⊕2.6×10	XSN26+10FZ	1			COMMON
C	G10	Tapping Screw ⊕3×8	XTV3+8BFX	2			〃
C	G11	Tapping Screw ⊕2.6×6	XTV26+6BFX	2			〃
		ACCESSORIES					
A	A1	Connection Cord-G	RP8125 (QEB0060P)	2			COMMON
A	(A1)	DIN Cord	QEB0038P	(1)			COMMON (RS-260USE only)
C	A2	Accessory Box	QPW1125	1			COMMON (RS-260US only)
B	A3	Plug Adaptor	QJP0603S	1			COMMON ISO
B	A4	Instruction Book	QQT1423	1			Ⓝ
		PACKINGS					
C	P1	Inside Carton	QPN2920	1			Ⓝ
C	P2	Inner Cushion-A	QPA0003	1			Ⓝ
C	P3	Inner Cushion-B	QPA0004	1			Ⓝ
C	P4	Dust Cover	XZB40×50A05	1			RS-261US, 270US

RECOMMENDED STOCK OF REPLACEMENT PARTS

Rank of Part	Estimated Selling Q'ty of Tape Recorder Set					
	Less than 50	100	300	500	1,000	2,000
A rank Parts	2	5	15	20	40	80
B rank Parts	1	2	5	10	20	40
C rank Parts	0	1	3	5	10	20

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ORDER NO. ARD-7510106M

Service Manual

Modification Report

Date. Oct. 17, 1975 | No. MN-333

TAPE RECORDER

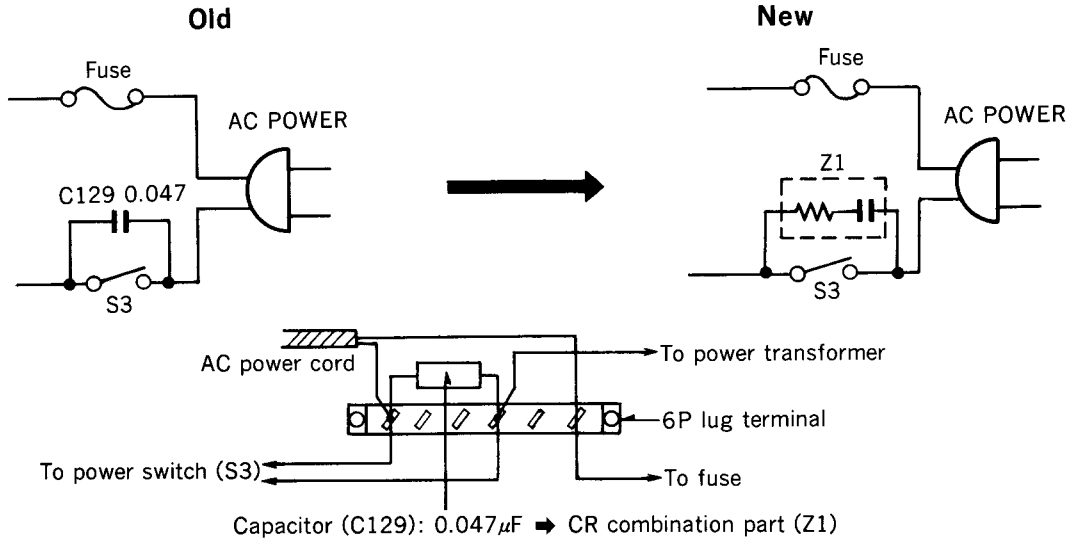
Model No.: RS-260S
RS-260S-E

SUBJECT: Modification of Spark Killer Section

When the power switch is pushed, it may sometimes cause the capacitor (C129) to short if the capacitor (C129) can not sufficiently proof against the pulse.
In order to prevent above matter, the spark killer has been changed from capacitor(C129) to CR combination part (Z1).

MODIFICATION:

Ref. No.	Description	Part No.		Remarks
		Old	New	
C129	Polypropylene Capacitor	ECQF4473M	———	Deleted
Z1	CR Combination Part	———	QCR0008T	Added



CHANGEOVER:

From the production of September, 1974 (From the Serial No. RI4···onward).

National Panasonic

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